

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	<b>Attorney Docket No.</b>	4224-101
	<b>First Inventor</b>	MESHIRER, Milton S.
	<b>Title</b>	AMMUNITION ARTICLES COMPRISING LIGHT-CURABLE MOISTURE- PREVENTATIVE SEALANT AND METHOD OF MANUFACTURING SAME
	<b>Express Mail Label No.</b>	EV 307494666 US

<b>APPLICATION ELEMENTS</b>  See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b>  Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
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<p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> <b>Applicant claims small entity status.</b> See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <input type="text" value="20"/> ] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C. 113) [Total Sheets <input type="text" value="1"/> ]</p> <p>5. <b>Oath or Declaration</b> [Total Sheets <input type="text" value="1"/> ] a. <input checked="" type="checkbox"/> <b>Newly executed</b> (original or copy) b. <input type="checkbox"/> <b>Copy from a prior application</b> (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> <b>CD-ROM or CD-R in duplicate, large table or Computer Program</b> (Appendix)</p> <p>8. <b>Nucleotide and/or Amino Acid Sequence Submission</b> (if applicable, all necessary) a. <input type="checkbox"/> <b>Computer Readable Form (CRF)</b> b. <b>Specification Sequence Listing on:</b> i. <input type="checkbox"/> <b>CD-ROM or CD-R</b> (2 copies); or ii. <input type="checkbox"/> <b>paper</b> c. <input type="checkbox"/> <b>Statements verifying identity of above copies</b></p>
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18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an **Application Data Sheet** under 37 CFR 1.76:

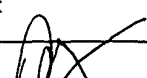
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____
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Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> <b>Customer Number or Bar Code Label</b>	(Insert Customer No. or Attach bar code label)	OR	<input type="checkbox"/> <b>Correspondence address below</b>
<b>Name</b>	Intellectual Property Technology Law 23448		
<b>Address</b>			
<b>City</b>	<b>State</b>	<b>Zip Code</b>	
<b>Country</b>	<b>Telephone</b>	<b>Fax</b>	
	USA	(919) 419-9350	(919) 419-9354

<b>Name (Print/type)</b>	Steven J. Hultquist	<b>Registration No. (Attorney/Agent)</b>	28021
<b>Signature</b>		<b>Date</b>	September 11, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

22154 U.S. PTO  
10/662193  
09/11/03

23448

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 514.00**Complete if Known**

Application Number	
Filing Date	September 11, 2003
First Named Inventor	MESHIRER, Milton S.
Examiner Name	
Art Unit	
Attorney Docket No.	4224-101

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit  
Account  
Number

083284

Deposit  
Account  
Name

Intellectual Property Technology Law

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) required under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1) (\$)** 375.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below	Fee Paid
Independent	Multiple Dependent	20**	3**		
31	3	11	0	9.00	99.00
					0.00
					0.00

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$)** 99.00

\*\* or number previously paid, if greater; For Reissues, see above


**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 40.00**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28021	Telephone	(919) 419-9350
Signature				Date	09/11/2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

15750 U.S. PTO  
09/11/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re United States Patent Application of:****Applicant: MESHIRER, Milton S.****Application No.:****Date Filed: September 11, 2003****Title: AMMUNITION ARTICLES  
COMPRISING LIGHT-  
CURABLE MOISTURE-  
PREVENTATIVE SEALANT  
AND METHOD OF  
MANUFACTURING SAME****Docket No.: 4224-101****Conf. No.:****Customer No.:**Customer Number **23448****EXPRESS MAIL CERTIFICATE**

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.

  
L. Stephen Lockett

September 11, 2003  
Date

EV 307494666 US  
Express Mail Label Number

**SUBMISSION OF NEW U.S. PATENT APPLICATION**

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450